Ministry of
Northern Development
and Mines

Ontario

Sean Conway, Minister of Mines

ONTARIO GEOLOGICAL SURVEY

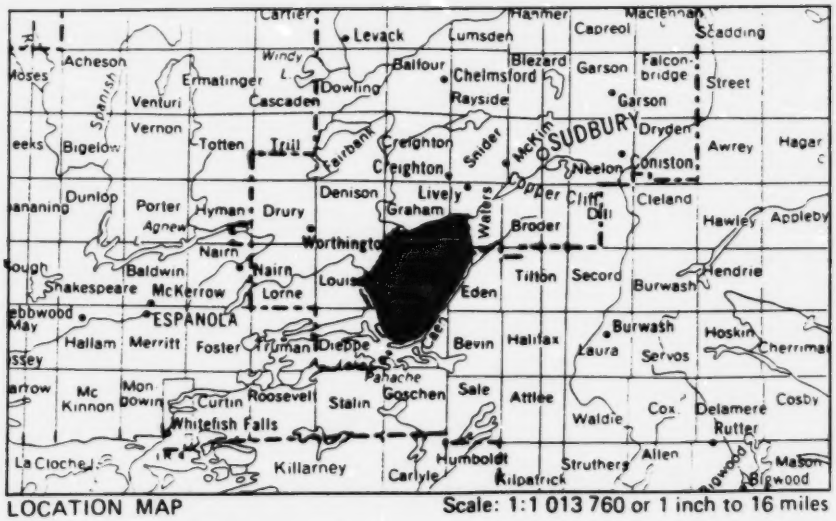
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 420

INDIAN RESERVE NO. 6

DISTRICT OF SUDBURY

Compiled by the Staff of
the Resident Geologist's Office
Sudbury



LOCATION MAP

Scale: 1:1 013 760 or 1 inch to 16 miles

NTS Number 41 I/6

Mining Claim Map Number N.A.

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey

1987: Indian Reserve No.6, District of Sudbury; Ontario Geological Survey, Geological Data Inventory Folio 420, compiled by the staff of the Resident Geologist's office, Sudbury, 20p. and 2 maps.

Original Compilation by: R. Adlington, June 1, 1987

Date	Page Revised	Revised by

Date	Page Revised	Revised by

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ACCOMPANYING MAPS

Property Location Map 1 map

Exploration Data Map 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
		LENGTH			
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	**20.116 8**	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
		AREA			
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
		VOLUME			
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
		CAPACITY			
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
		MASS			
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
		CONCENTRATION			
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	R.A.
2	Assessment Files Research Office, Toronto	N.A.	R.A.
3	ODM General Index; 9 Volumes	Yes	R.A.
4	Catalogue of Airborne Geophysical Surveys (ODM)	No	R.A.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	No	R.A.
6	ODM Industrial Mineral Reports	No	R.A.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	R.A.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	R.A.
9	Newspaper Clippings File	No	R.A.
10	GSC Index to Publications	Yes	R.A.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	R.A.
12	OGS Index Maps	Yes	R.A.
13	Source Mineral Deposit Records (O.G.S.), Mineral Deposits File	Yes	R.A.
14	Author - Subject Articles File	Yes	R.A.
15	Miscellaneous Papers: ODM & OGS	Yes	R.A.
16	ODM Geological Circulars: OGS Study Series, Reports	Yes	R.A.
17	ODM Preliminary Reports: ODM Bulletins	No	R.A.
18	ODM – OGS Open File Reports	Yes	R.A.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	R.A.
20	OGS Aggregate Resources Inventory Papers	No	R.A.
21	OGS Mineral Potential Maps	Yes	R.A.
22	Theses on File, Sudbury	Yes	R.A.
23	Aerial Photographs on File, Sudbury	Yes	R.A.

METALS AND MINERALS REFERENCES LIST

△ anh. . . . . .Anhydrite	△ fu. . . . . .Fuchsite	△ Ni. . . . . Nickel	△ st. . . . . .Stone
△ ank. . . . . .Ankerite	△ gn. . . . . Galena	▲ Nb. . . . . .Niobium	△ talc. . . . . .Talc
△ anna. . . . . Annabergite	△ gt. . . . . Garnet	△ Pd. . . . . .Palladium	△ Te. . . . . .Tellurium
△ ap. . . . . .Apatite	△ goe. . . . . .Goethite	△ peat. . . . . .Peat	△ td. . . . . Tetrahedrite
△ arg. . . . . Argentite	△ Au. . . . . Gold	△ pent. . . . . Pentlandite	△ th. . . . . .Thorite
△ As. . . . . .Arsenic	△ gf. . . . . .Graphite	△ Pt. . . . . .Platinum	△ Th. . . . . .Thorium
△ asp. . . . . .Arsenopyrite	△ gl. . . . . Gravel	▲ py. . . . . .Pyrite	△ thuc. . . . . Thucholite
△ asb. . . . . .Asbestos	△ gyp. . . . . Gypsum	△ pyl. . . . . Pyrochlore	△ ti. . . . . Titanite
△ ba. . . . . .Barite	△ hem. . . . . Hematite	△ pyrl. . . . . .Pyrolusite	△ Ti. . . . . Titanium
△ be. . . . . .Beryl	△ il. . . . . .Ilmenite	▲ po. . . . . .Pyrrhotite	△ tour. . . . . .Tourmaline
△ Bi. . . . . .Bismuth	△ Fe. . . . . .Iron	△ q. . . . . .Quartz	△ trap. . . . . .Trap rock
△ bn. . . . . .Bornite	△ IF. . . . . Iron Formation	△ qcv. . . . .Quartz carbonate vein	△ W. . . . . Tungsten
△ bran. . . . . .Brannerite	△ jas. . . . . Jasper	△ ra. . . . . .Radioactive minerals	△ uran. . . . . Uraninite
△ bruc. . . . . .Brucite	△ kaol. . . . . .Kaolinite (kaolin)	△ RE. . . . . .Rare Earths	△ U. . . . . .Uranium
△ Cd. . . . . Cadmium	△ ky. . . . . Kyanite	△ sd. . . . . Sand	△ verm. . . . . .Vermiculite
△ calc. . . . . Calcite	△ Pb. . . . . Lead	△ sgl. . . . . Sand and gravel	△ Y. . . . . Yttrium
△ carb. . . . . .Carbonate	△ lim. . . . . Limonite	△ ss. . . . . .Sandstone	△ Zn. . . . . .Zinc
△ cel. . . . . .Celestite	△ Li. . . . . Lithium	△ scap. . . . . Scapolite	△ zr. . . . . Zircon
△ cc. . . . . .Chalcocite	△ mgst. . . . . .Magnesite	△ shee. . . . . .Scheelite	
▲ cp. . . . . .Chalcopyrite	△ mag. . . . . .Magnetite	△ serp. . . . . Serpentine	
△ ch. . . . . .Chert	△ mc. . . . . Malachite	△ sh. . . . . .Shale	
△ clay. . . . . .Clay	△ Mn. . . . . Manganese	△ sid. . . . . Siderite	
△ Co. . . . . Cobalt	△ mb. . . . . .Marble	△ si. . . . . .Silica	
△ cob. . . . . Cobaltite	△ mar. . . . . Marcasite	△ Ag. . . . . .Silver	
△ cb. . . . . .Columbite	△ ma. . . . . .Marl	△ sl. . . . . Slate	
△ Cu. . . . . .Copper	△ mi. . . . . Mica	△ sm. . . . . .Smaltite	
△ cor. . . . . Corundum	△ ml. . . . . .Millerite	△ sod. . . . . Sodalite	
△ dol. . . . . Dolomite	△ mo. . . . . Molybdenite	△ spec. . . . . Specularite	
△ ep. . . . . Epidote	△ Mo. . . . . .Molybdenum	▲ sp. . . . . .Sphalerite	
△ ery. . . . . Erythrite	△ mon. . . . . Monazite	△ spd. . . . . .Spodumene	
△ fel. . . . . .Feldspar	△ ne. . . . . Nephelite (nepheline)	△ staur. . . . . .Staurolite	
△ fl. . . . . .Fluorite (flurospar)	△ nc. . . . . .Niccolite	△ stib. . . . . Stibnite	

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

INDIAN RESERVE NO. 6

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Nemag Lake Occurrence	Nb in ilmenorutile	Cbl	--	GR 124 O.D.M. Map P.597
B	Kusk Lake Occurrence	sp	--	--	GR 124 O.D.M. Map P.597
C	Lake LaVase Occurrence	po, py, cp	--	--	GR 124 O.D.M. Map P.597
D	Lake Panache Occurrence	po, py, cp	--	--	GR 124 O.D.M. Map P.597

GDIF FORM NO. 1

TYPE OF WORK		Numbers below represent the year in which the work was done;e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1	Innes, D. G. (0010)	75																		

GDIF FORM NO. 2

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for

GDIF FORM NO. 3

INDIAN RESERVE NO. 6

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing

GDIF FORM NO. 4

INDIAN RESERVE NO. 6

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

GDIF FORM NO.6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

Sudbury

GDIF FORM NO. 7

ODM GENERAL INDEX SEARCH

Words searched:

FENITE
FENITE BRECCIA
FENITIZATION
INDIAN RESERVE NO. 6
KUSK LAKE
LAVASE LAKE
NEMAG LAKE

Index Volume	Listing:	Report Volume	Part	Page
6	FENITE			
	See also Syenite, alkaline			
	Bigwood tp.	69	8	177
7	FENITE(s)			
	See also Fenitization			
	Alkaline	GR3		34,36,50
	Alteration of	GR3		10,36,49
	Magnetic data	GR3		44
	Niobium in	GR3		45,49
	Origin	GR3		7, 10
	Pyroxenitic	GR3		36-39
	Term defined	GR3		35
7	FENITIZATION			
	of gneisses	GR3		35
	of granite, notes and photos	GR3		13-15
8	FENITE			
	analyses, chem			
	I.R. No. 6, Sudbury Dist.	GR124		36,38,40
	analyses, trace elements			42-47
	Big Beaverhouse area, Kenora Pat. Dist.	MP46		84
	I.R. No. 6, Sudbury Dist.	GR124		37, 41
	graphite			
	North Bay area, Nipissing & Parry Sound Dist.	GR94		90
	petrography			
	Big Beaverhouse area, Kenora Pat. Dist.	MP46		82
	Louise-Eden area, Sudbury Dist.	GR124		29-49
	North Bay area, Nipissing & Parry Sound Dist.	GR94		48-53
	photo			
	I.R. No. 6, Sudbury Dist.	GB4		100
		GR124		31,33,34
	Little Manitou Is. area, Nipissing Dist.	GR94		48
8	FENITIZATION			
	see also Alteration			
	Louise-Eden area, Sudbury Dist.	GR124		30-49
9	FENITE			
	analyses, chem.			
	I.R. No. 6 area, Sudbury Dist.	GR166		170
	analyses, modal			
	Chapleau area, Algoma Dist.	GR157		96
	Tps. 107 & 108, Sudbury Dist.	GR157		98

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
9	FENITE, cont'd			
	analyses, trace elements			
	I.R. No. 6 area, Sudbury Dist.	GR166		170,171
	photography			
	Chapleau area, Algoma Dist.	GR157		107,114
	I.R. No. 6, Sudbury Dist.	GR166		168,169, 172
	photo			
	I.R. No. 6 area, Sudbury Dist.	GR166		169
9	FENITE BRECCIA			
	analyses, chem.			
	I.R. No. 6 area, Sudbury Dist.	GR166		170
	analyses, trace elements			
	I.R. No. 6 area, Sudbury Dist.	GR166		170,171
9	FENITIZATION			
	Quest L. area, Thunder Bay Dist.	GR154		27, 31
8	KUSK LAKE			
	I.R. No. 6, Sudbury Dist.	GR124		32, 49
8	KUSK LAKE FENITE			
	analyses, chem.			
	I.R. No. 6, Sudbury Dist.	GR124		40,43,44, 46
	analyses, trace elements			
	I.R. No. 6	GR124		41
	isotopic age			
	I.R. No. 6	GR124		39, 48
	niobium/sphalerite			
	I.R. No. 6	GR124		55
	petrography			
	I.R. No. 6	GR124		29-49
	photo			
	I.R. No. 6	GR124		31
8	KUSK LAKE OCCURRENCE			
	I.R. No. 6			
	mining property, report on	GR124		58
9	KUSK LAKE FAULT			
	I.R. No. 6	GR166		168
9	KUSK LAKE FENITE			
	analyses, chem			
	I.R. No. 6	GR166		170,173

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
9	KUSK LAKE FENITE, cont'd			
	analyses, trace elements			
	I.R. No. 6	GR166		170,171, 174
	petrography			
	I.R. No. 6	GR166		168,169, 172
	photo			
	I.R. No. 6	GR166		169
8	NEMAG LAKE			
	I.R. No. 6, Sudbury Dist.	GB4		100
		GR124		32
8	NEMAG LAKE FENITE			
	analyses, chem			
	I.R. No. 6	GR124		36,38,42, 44,45,47
	analyses, trace elements			
	I.R. No. 6	GR124		37
	isotopic age			
	I.R. No. 6	GR124		39
	niobium/sphalerite			
	I.R. No. 6	GR124		55
	petrography			
	I.R. No. 6	GR124		24-49
	photo			
	I.R. No. 6	GR124		31,33,34
8	NEMAG LAKE OCCURRENCE			
	I.R. No. 6			
	mining property, report on	GR124		58
9	NEMAG LAKE FENITE			
	analyses, chem.			
	I.R. No. 6	GR166		170,173
	analyses, trace elements			
	I.R. No. 6	GR166		170,171, 174
	petrography			
	I.R. No. 6	GR166		168,169, 172
	photo			
	I.R. No. 6	GR166		169

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

GDIF FORM NO. 8

INDIAN RESERVE NO. 6

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Card, K. D.	1967	Denison - Waters Area	O.D.M. Map 2119	1" = ½ mile
	1971	Panache Lake Area, East Part	O.D.M. Map P.669	1" = 1 mile
	1966, 67	Sudbury Mining Area	O.D.M. Map 2170	1" = 1 mile
	1978	Sudbury-Manitoulin	O.G.S. Map 2360	1" = 2 miles
Card, K. D., Lumbers, S. B.	1974-75	Sudbury-Cobalt Geological Compilation	O.G.S. Map 2361 (Revised)	1" = 4 miles
Dressler, B. O.	1984	Sudbury Geological Compilation	O.G.S. Map 2491	1:50,000
Thomson, J. E.	1968	Espanola Sheet	O.D.M. Map P.105	1" = 2 miles
		GEOPHYSICAL MAPS		
O.D.M. - G.S.C.	1965	Aeromagnetic Maps, Copper Cliff, Ontario Sudbury , Ontario	1517G 7067G	1" = 1 mile 1" = 4 miles
Gupta, V. K.	1981	Bouguer Gravity and Generalized Geological Map, Sudbury-Onaping Lake Area, Sudbury and Algoma Districts, Ontario	O.G.S. Map P.2482	1" = 100,000
O.G.S.	1976	Uranium Reconnaissance Program Airborne Gamma Ray Spectrometer Survey, Geophysical Series.	Map P.1610	1:250,000
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Boissoneau, A. N.	1968	Glacial History of Northwestern Ontario II. The Timiskaming Algoma Area	Can. Jr. Earth Sci. Vol. 5, No. 1	pp. 97-109

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Burwasser, G. J.	1979	Quaternary Geology of the Sudbury Basin Area, District of Sudbury	O.G.S. Report 181	
	1979	Quaternary Geology of the Sudbury Area, District of Sudbury	O.G.S. Map 2397	1:50,000
Dep't. of Energy, Mines & Resources, Surveys & Mapping Branch	1975	Topographic Map, Copper Cliff, 41 I/6		1:50,000
Gartner, J. F.	1980	Espanola Area, N.O.E.G.T. Study 99		
	1978	Data Base Map, Espanola	Map 5002	1:100,000
		MINERAL POTENTIAL MAPS		
Springer, J. S.	1977	Ontario Mineral Potential, Northern Part of Sudbury Sheet and Part of North Bay Sheet, Districts of of Sudbury and Manitoulin	O.G.S. Map P.1512	1:250,000
Springer, J. S., Robertson, J. A., Vos, M. A.	1981	Mineral Potential of Ontario, East Central Sheet	OFR 5328	1" = 16 miles
		GEOCHEMICAL		
		No data available as of May 29, 1987		
		GEOLOGICAL REPORTS AND MAPS		
Card, K. D.	1968	Denison - Waters Area	O.D.M. GR60	
	1971	Panache Lake Area (East Part)	Map P.669	1" = 1 mile

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Card, K. D., cont'd	1975	Geology of Panache Lake Area, Districts of Sudbury and Manitoulin	OFR 5123	
	1978	Geology of the Sudbury-Manitoulin Area, Districts of Sudbury and Manitoulin	GR166 O.G.S. Map P.2360	1" = 2 miles
Card, K. D., Innes, D. G. and Debicki, R. L.	1974	Stratigraphy, Sedimentology, Huronian Supergroup of Sudbury-Espanola Area	OFR 5107	
Card, K. D., Palonen, P. A. and Siemiatkowska, K. M.	1975	Geology of the Louise-Eden Area, District of Sudbury	GR124 O.D.M. Map 2299	1" = ½ mile
Collins, W. H.	1936	Sudbury Series	G.S.A. Bull. Vol. 47, No. 11	pp. 1675-1690
Cooke, H. C.	1946	Problems of Sudbury Geology, Ontario	G.S.C. Bull. 3	
	1938	Copper Cliff, Sudbury District, Ontario	G.S.C. Map 292A	1" = 1 mile
O.G.S. & Mineral Resources Branch	1982	Mineral Potential Map of Ontario Southern Sheet Magnetic Compliation Map Geological Compilation Map 2197	OFR 5328	 1" = 16 miles 1" = 16 miles 1" = 16 miles
Palonen, P., Mills, D. H.	1969	Whitefish Lake Indian Reserve No. 6, Louise-Eden Area	O.D.M. Map P.597	1" = ½ mile
Parsons, G. E.	1961	Niobium-Bearing Complexes East of Lake Superior	O.D.M. GR 3	
Roberts, J. A. & Card, K.D.	1972	Geology and Scenery, North Shore of Lake Huron Region	O.D.M. GB4	facing p. 101
Vos, M. A., et al	1983	Industrial Minerals of Northern Ontario, Part 1	OFR 5386	

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Vos, M. A., Smith, V.	1983	Industrial Minerals of Northern Ontario, Supplement 2	OFR 5439	
Vos, M. A., Smith, B. A. and Stevenato, R. J.	1981	Industrial Minerals of the Sudbury Area	OFR 5329	
Wright, J. F.	1958	Sudbury, Ontario	G.S.C. Map 1063A	1" = 8 miles
Yundt, S. E., et al	1983	Industrial Minerals of Ontario	O.G.S. Map P.2591	1:50,000
		JOURNALS, ARTICLES, THESES, TECHNICAL REPORTS		
Card, K. D.	1978	Metamorphism of the Middle Precambrian (Aphebian) Rocks of the Eastern Southern Province	G.S.C. 78-10	p. 269-282
Casshyap, S. M.	1966	Sedimentary Petrology and Stratigraphy of the Huronian Rocks South of Espanola, Ont., PhD., Western	Sudbury Theses File	
Dupuis, L.	1979	The Nature and Origin of the Sudbury Breccia near Lake Laurentian, M.Sc., Laurentian U.	Sudbury Theses File	
Eade, K. E.	1950	The Huronian Rocks of Northwestern Ontario, M.Sc., McGill U.	MP 2	p. 34
Innes, D. G.	1977	Proterozoic Volcanism in the Southern Province of the Canadian Shield, M.Sc., Laurentian U.	Sudbury Theses File	
Lindsey, D. A.	1967	The Sedimentology of the Huronian Gowganda Formation, (With Special Reference to Whitefish Falls Area), Ph.D., Johns Hopkins	Sudbury Theses File	
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GDIF FORM NO.9

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Author	Date	Title	Reference	Map Scales and/or Report Pages
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GDIF FORM NO. 9

NOTES AND ADDENDA

AERIAL PHOTOGRAPHS INDEX

Scale 1" = ½ mile

Year	Roll	Line	Number
1959	55	4615	97-106
	12	4614	155-167
	45	4613	43-67
	59	4612	112-120
	58	4611	72-78
1946	19	160	43-47
	19	161	42-51
	17	162	40-50
	17	163	35-47
	15	164	37-45
	14	165	15-18

GDIF FORM NO.10

Ministry of Northern Development and Mines

Ontario

Sean Conway, Minister of Mines

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 420

(Map 1 of 2)

INDIAN RESERVE NO. 6

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

EXPLORATION DATA FILE AREAS

- Reference number is always inside work area outlined. See listing in text pages.
- Small area exploration.
- File covers entire township or area

Whitefish Lake Indian Reserve No 6

Whitefish Lake Indian Reserve No. 6

Whitefish Lake Indian Reserve No. 6

Whitefish Lake Indian Reserve No.

Ministry of Northern Development and Mines

Ontario

Sean Conway, Minister of Mines

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 420

(Map 2 of 2)

INDIAN RESERVE NO. 6

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized float with reference letter

DRILLHOLE

- Location of single drillhole, with reference number
- Location of closely spaced group of drillholes, with reference number
- Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- Property with drillholes which have not been plotted on map, with reference number
- Reverse circulation drillhole; churn drilling, with reference number

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly Length of anomaly along flight line
- Airborne electromagnetic anomaly Location of anomaly along flight line
- Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly (VL - Vertical loop; HL - Horizontal loop; VLF - Very low freq; Turam; JEM - Crone Em - 16)
- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly (total intensity)
- Resistivity anomaly
- Gravity anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

Vermilion River

Nemag Lake

Wakemi L

Whitefish Lake

Makada Lake

Fly L

Whitefish Lake Indian Reserve No 6

Mustawin Lake

Blackwater Lake

Blackwater Cr

Kusk Lake

Round Lake

Long Lake

Lake La Vase

Lake Panache

Sentinel Id

LAKE PANACHE

EDEN TOWNSHIP